INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/03449

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A. CLASS	SIFICATION OF SUBJECT MATTER Cl ⁷ F16H1/46, F16H1/28, B25J17	/00	
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
Int.	Cl ⁷ F16H1/46, F16H1/28, B25J17	/00	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2003 Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003			
	ata base consulted during the international search (nam	e of data base and, where practical	ble, search terms used)
c. Docu	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap		
х	JP 2001-247050 A (Kanzaki Ko Ltd.), 11 September, 2001 (11.09.01) Fig. 1 (Family: none)		1-4
A	JP 2003-074666 A (Kabushiki Kaisha FFC), 12 March, 2003 (12.03.03), Fig. 5 (Family: none)		1-4
A	JP2001-310288 A (HitachiCons Ltd. & Kabushiki Kaisha FFC), 06 November, 2001 (06.11.01), Fig. 8 (Family: none)		1-4
Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date "E" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention of document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered novel or cann			
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